

Andrew Freistein 10/801,518

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USPAT2
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NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV
NEWS 13 JAN 30 Saved answer limit increased
NEWS 14 JAN 31 Monthly current-awareness alert (SDI) frequency
added to TULSA

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CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
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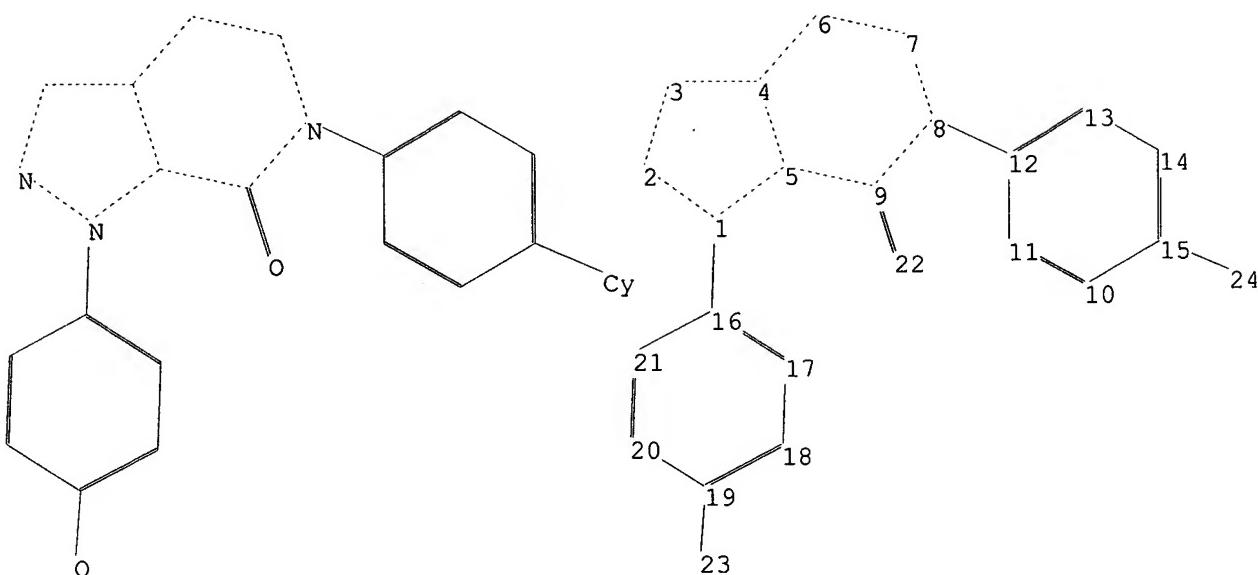
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=>
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chain nodes :

22 23 24

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

chain bonds :

1-16 8-12 9-22 15-24 19-23

ring bonds :

1-2 1-5 2-3 3-4 4-5 4-6 5-9 6-7 7-8 8-9 10-11 10-15 11-12 12-13 13-14
14-15 16-17 16-21 17-18 18-19 19-20 20-21

exact/norm bonds :

1-2 1-5 1-16 2-3 3-4 4-5 4-6 5-9 6-7 7-8 8-9 8-12 9-22 15-24 19-23

normalized bonds :

10-11 10-15 11-12 12-13 13-14 14-15 16-17 16-21 17-18 18-19 19-20 20-21

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:CLASS 21:Atom 22:CLASS 23:CLASS 24:Atom

Element Count :

Node 24: Limited

N,N1

L1 STRUCTURE UPLOADED

=> s 11
SAMPLE SEARCH INITIATED 09:58:59 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 168 TO ITERATE

100.0% PROCESSED 168 ITERATIONS
SEARCH TIME: 00.00.02

10 ANSWERS

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FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2583 TO 4137
PROJECTED ANSWERS: 11 TO 389

L2 10 SEA SSS SAM L1

=> s 11 full
FULL SEARCH INITIATED 09:59:04 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3687 TO ITERATE

100.0% PROCESSED 3687 ITERATIONS 219 ANSWERS
SEARCH TIME: 00.00.07

L3 219 SEA SSS FUL L1

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COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 166.94 167.15

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FILE COVERS 1907 - 1 Feb 2006 VOL 144 ISS 6
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=> s 13
L4 5 L3

=> d ibib 1-5

L4 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:799558 HCAPLUS

DOCUMENT NUMBER: 141:296012

TITLE: Preparation of factor Xa- and thrombin-inhibiting substituted benzamidines and sulfonylbenzamidines as potential anticoagulants

INVENTOR(S): Pinto, Donald J.; Qiao, Jennifer X.; Gangor, Timur;

Lam, Patrick Y. S.; Li, Yun-long

PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA

SOURCE: PCT Int. Appl., 279 pp.

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 2004083174 | A2 | 20040930 | WO 2004-US8033 | 20040317 |
| WO 2004083174 | A3 | 20041125 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TT, TZ, UA, RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, TD, TG | | | | |
| US 2004209863 | A1 | 20041021 | US 2004-801518 | 20040316 |
| EP 1603562 | A2 | 20051214 | EP 2004-757516 | 20040317 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK | | | | |
| PRIORITY APPLN. INFO.: US 2003-455709P | P | 20030318 | | |
| US 2004-801518 | A | 20040316 | | |
| WO 2004-US8033 | W | 20040317 | | |

OTHER SOURCE(S): MARPAT 141:296012

ACCESSION NUMBER: 2003:454070 HCAPLUS

DOCUMENT NUMBER: 139:36526

TITLE: Preparation of imidazolylphenylpyrazolopyridinones as factor Xa inhibitors

INVENTOR(S): Quan, Mimi L.; Wexler, Ruth R.

PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA

SOURCE: PCT Int. Appl., 421 pp.

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|----------|
| WO 2003047520 | A2 | 20030612 | WO 2002-US838331 | 20021126 |
| WO 2003047520 | A3 | 20040115 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TZ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, NL, PT, SE, SK, TR, BF, BJ, CG, CI, CM, GA, GN, GQ, ML, MR, NE, SN, TD, TG | | | | |
| US 2003212054 | A1 | 20031113 | US 2002-304810 | 20021126 |
| US 6949550 | B2 | 20050927 | | |
| EP 1450800 | A2 | 20040901 | EP 2002-791349 | 20021126 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK | | | | |
| PRIORITY APPLN. INFO.: US 2001-337051P | P | 20011204 | | |
| WO 2002-US838331 | W | 20021126 | | |

OTHER SOURCE(S): MARPAT 139:36526

02/01/2006

L4 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:472339 HCAPLUS

DOCUMENT NUMBER: 139:53014

TITLE: Synthesis of 4,5-dihydro-pyrazolo[3,4-c]pyrid-2-ones

INVENTOR(S): Zhou, Jiesheng; Oh, Lynette M.; Ma, Philip; Li, Hui-yin

PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA

SOURCE: PCT Int. Appl., 143 pp.

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| WO 2003049681 | A2 | 20030619 | WO 2002-US8559 | 20021203 |
| WO 2003049681 | A3 | 20030918 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TZ, TM, TN, TR, TT, TZ, UA, RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, FI, FR, GB, GR, IE, IT, LU, NC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, ML, MR, NE, SN, TD, TG | | | | |
| US 2003181466 | A1 | 20030925 | US 2002-308741 | 20021203 |
| US 6919451 | B2 | 20050719 | | |
| EP 1467984 | A2 | 20041020 | EP 2002-784699 | 20021203 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, HK, CY, AL, TR, BG, CZ, EE, SK | | | | |
| BR 2002014945 | A | 20041207 | BR 2002-14945 | 20021203 |
| JP 2005511712 | T2 | 20050428 | JP 2003-550732 | 20021203 |
| US 2005245566 | A1 | 20051103 | US 2005-147634 | 20050608 |
| PRIORITY APPLN. INFO.: | | | US 2001-339085P | P 20011210 |
| US 2002-308741 | A3 | 20021203 | | |
| WO 2002-US8559 | W | 20021203 | | |

OTHER SOURCE(S): MARPAT 139:53014

L4 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:454070 HCAPLUS

DOCUMENT NUMBER: 138:287666

TITLE: Preparation of heteroaryllactams as Factor Xa inhibitors

INVENTOR(S): Pinto, Donald; Quan, Mimi; Orwat, Michael; Li, Yun-Long; Han, Wei; Qiao, Jennifer; Lam, Patrick; Koch, Stephanie

PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA

SOURCE: PCT Int. Appl., 441 pp.

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| WO 2003026652 | A1 | 20030403 | WO 2002-US29491 | 20020917 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TZ, TM, TN, TR, TT, TZ, UA, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, ML, MR, NE, SN, TD, TG | | | | |
| CA 2461205 | AA | 20030403 | CA 2002-2461202 | 20020917 |
| US 2003191115 | A1 | 20031109 | US 2002-245122 | 20020917 |
| US 6967208 | B2 | 20051122 | | |
| EP 1427415 | A1 | 20040616 | EP 2002-775843 | 20020917 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, HK, CY, AL, TR, BG, CZ, EE, SK | | | | |
| BR 2002012726 | A | 20040803 | BR 2002-12726 | 20020917 |
| JP 2005507089 | T2 | 20050324 | JP 2003-530289 | 20020917 |
| US 2005002194 | A | 20050503 | ZA 2004-2184 | 20040318 |
| NO 2004001163 | A | 200403 | NO 2004-1163 | 20040319 |
| US 60044220174 | A1 | 20041104 | US 2004-650587 | 20040520 |
| US 6989391 | B2 | 20061024 | | |
| US 2005124602 | A1 | 20050609 | US 2004-970781 | 20041020 |
| US 2005171085 | A1 | 20050804 | US 2004-970807 | 20041021 |
| US 2005261287 | A1 | 20051124 | US 2005-154972 | 20050616 |
| US 2005267097 | A1 | 20051201 | US 2005-198801 | 20050805 |
| PRIORITY APPLN. INFO.: | | | US 2001-324165P | P 20010921 |
| US 2002-402317P | P | 20020809 | | |
| US 2002-245122 | A3 | 20020917 | | |
| WO 2002-US29491 | W | 20020917 | | |
| US 2004-850587 | A3 | 20040520 | | |
| US 2004-970807 | A1 | 20041021 | | |

OTHER SOURCE(S): MARPAT 138:287666
REFERENCE COUNT: 1
THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

FORMAT

Page 5

L4 ANSWER 5 OF 5 HCPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2002-832611 HCPLUS
 DOCUMENT NUMBER: 137:337882
 TITLE: Preparation of 1,4,5,6-tetrahydropyrazolo[3,4-c]pyridin-7-ones as factor Xa inhibitors
 INVENTOR(S): Pinto, Donald J.; Galembo, Robert J.; Orwat, Michael J.; Quan, Mimi L.
 PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
 SOURCE: PCT Int. Appl., 86 pp.
 CODEN: PIXRD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| WO 2002085356 | A1 | 20021031 | WO 2002-US12319 | 20020417 |
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| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GN, GO, GW, ML, MR, NE, SN, TD, TG | | | | |
| CA 2444571 | RA | 20021031 | CA 2002-2444571 | 20020417 |
| US 2002177713 | A1 | 20021128 | US 2002-124383 | 20020417 |
| US 6750225 | B2 | 20040615 | | |
| EP 1379245 | A1 | 20040114 | EP 2002-723904 | 20020417 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| PRIORITY APPLN. INFO.: US 2001-284615P | | | P 20010418 | |
| | | | WO 2002-US12319 | W 20020417 |

OTHER SOURCE(S): MARPAT 137:337882
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